



2817

TRANSMITTAL FORM

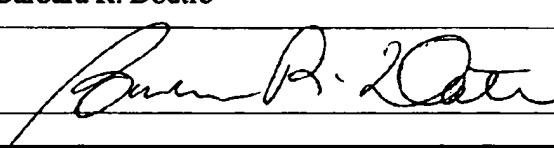
		Application Number	10/928,431 09/828431
		Filing Date	4/9/01
		First Named Inventor	CORNETT, KENNETH D.
		Group Art Unit	2817
		Examiner Name	SUMMONS, BARBARA
Total Number of Pages in this Submission		Attorney Docket No.	CM03351J

ENCLOSURES

(check all that apply)

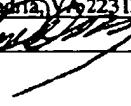
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-Related papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CDs	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter with appropriate copies <input type="checkbox"/> Other Enclosure(s) (please identify below) <ul style="list-style-type: none"> <input type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/> Associate Power of Attorney <input type="checkbox"/> RCE <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<input type="checkbox"/> Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Barbara R. Doutre	Registration No.	39,505
Signature			
Date			

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon, as first-class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, or Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date listed below:

Typed or printed name	Linda Christi Sumaridason	
Signature		Date
		8/11/03

AUG 13 2003
U.S. PATENT & TRADEMARK OFFICE
P.E. JC165

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)

Attorney Docket No. **CM03351J**

Complete If Known

Application No.	10/6928,431	09/828431
Filing Date	4/9/01	
First Named Inventor	CORNETT, KENNETH D.	
Examiner Name	SUMMONS, BARBARA	
Group Art Unit	2817	

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number **50-2117**

Deposit Account Name **Motorola, Inc.**

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayment

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity
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Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	Code	Code		
1001	750	2001	370	Utility filing fee	
1006	750	2006	370	Utility filing fee CPA	
1002	330	2002	165	Design filing fee	
1007	330	2007	165	Design filing fee CPA	
1003	510	2003	265	Plant filing fee	
1004	750	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below		
		Extra Claims		
		Fee Paid		
Total Claims	18	$66^* =$ 18	\times	18 = 324
Independent Claims	4	$6^* =$ 4	\times	84 = 336
Multiple Dependent				280

Large Entity	Small Entity
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Fee	Fee	Fee	Fee	Fee Description
Code	Code	Code	Code	
1202	18	2202	8	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1206	18	2206	8	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

3. ADDITIONAL FEES

Large Entity	Small Entity	
Fee	Fee	Fee Description
Code	Code	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath
1052	50	2052 25 Surcharge - late Provisional filing
1053	130	1053 130 Non-English specification
1812	2520	1812 2520 For filing a request for ex parte Reexamination
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action
1805	1840*	1805 1840* Requesting publication of SIR after Examiner action
1251	110	2251 55 Extension for reply within 1st month
1252	410	2252 200 Extension for reply within 2nd month
1253	930	2253 480 Extension for reply within 3rd month
1254	1450	2254 720 Extension for reply within 4th month
1255	1970	2255 980 Extension for reply within 5th month
1401	320	2401 180 Notice of Appeal
1402	320	2402 180 Filing a brief in support of an appeal
1504		1504 Publication fee for early, voluntary, or normal publication
1403	280	2403 140 Request for oral hearing
1506	300	1506 300 Publication fee for republication
1451	1510	1451 1510 Petition to institute a public use proceeding
1452	110	2452 65 Petition to revive - unavoidable
1453	1300	2453 640 Petition to revive - unintentional
1501	1300	2501 640 Utility issue fee (or reissue)
1502	470	2502 230 Design issue fee
1503	630	2503 310 Plant issue fee
1460	130	1460 60 Petitions to the Commissioner
1808	130	1808 130 Processing fee CFR 1.17(i)
1807	50	1807 50 Processing fee for provisional application
1806	180	1806 180 Submission of IDS
8021	40	8021 40 Recording each patent assignment per property (times # of properties)
1809	750	2809 370 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810 370 For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801 370 Request for Continued Examination (RCE)
1802	900	1802 900 Request for expedited examination of a design application
1814	110	2814 55 Statutory Disclaimer

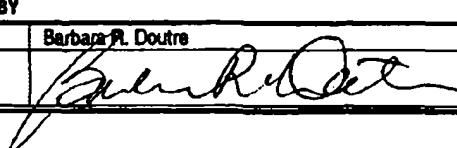
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$

***or number previously paid, if greater. For Reissues, see above*

SUBMITTED BY

Name (Print) **Barbara R. Doutre**

Signature 

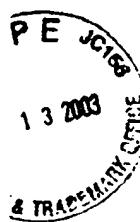
Complete (if applicable)

Registration No. (Attorney/Agent) **39,505**

Telephone: **(954) 723-6449**

Date **8/11/03**

UNITED STATES PATENT AND TRADEMARK OFFICE



APPLICANT(S)
APPLN. NO.:

CORNELL, KENNETH D.
109128,431
09/828,143/

FILED:

4/9/01

GROUP ART UNIT: 2817
EXAMINER: SUMMONS,
BARBARA

Confirmation No. 6168

TITLE:

MEMS RESONATORS AND METHOD FOR MANUFACTURING
MEMS RESONATORS

Certificate of Mailing

Date of deposit: 5/11/03

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as first-class mail, with sufficient postage attached thereto, in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


Signature of Person Mailing Paper

Linda Christi Summons
Printed Name of Person Mailing Paper

RESPONSE

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated 5/15/03, Paper No. 6, and Examiner's comments with regard thereto, please enter the following amendments in the above-entitled application, without prejudice or disclaimer.

AMENDMENTS TO THE CLAIMS:

15. (currently amended) An electromechanical resonating device comprising:
 a first support member; and
 a selectively doped vibrating member that is capable of resonating in a vibrational mode that has a first node and is attached to the first support at a position of the first node, the selectively doped vibrating member including;
 a first doped conducting region extending from the first support; and
 an insulating region; ;